


Roberts, Kathryn, NMENV

From: Roberts, Kathryn, NMENV
Sent: Monday, November 23, 2009 4:00 PM
To: 'Mark S. Thacker'; Cobrain, Dave, NMENV
Cc: 'Bill Criswell'; 'Day, Emily'; 'Woodworth, Lance A.'; 'Roy Bohn'
Subject: RE: aoc_C-21-027_dioxin_furan.pdf

Mark,

NMED has reviewed the Permittees' proposed sampling locations for additional dioxin/furan sampling. NMED concurs with the following additional proposed sampling locations, with the addition of BH-2 (based on Figure 2.6-1 of the Supplemental IWP for DP Site Aggregate Area at TA-21):

- BH-2, sample for dioxin/furan in the 0 to 0.5 ft interval
- BH-3, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 1, sample for dioxin/furan in the 0 to 0.5 ft interval
- BH-4, sample for dioxin/furan in the 5 to 6 ft interval
- Location 3, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 4, sample for dioxin/furan in the 0 to 0.5 ft interval

NMED reminds the Permittees that based on the reported dioxin/furan sampling results additional sampling may be required in the future.

Please let me know if you any questions.

Thanks,
Katie

From: Mark S. Thacker [mailto:mthacker@lanl.gov]
Sent: Monday, November 23, 2009 1:40 PM
To: Roberts, Kathryn, NMENV; Cobrain, Dave, NMENV
Cc: 'Bill Criswell'; 'Day, Emily'; 'Woodworth, Lance A.'; 'Roy Bohn'
Subject: RE: aoc_C-21-027_dioxin_furan.pdf

Katie, the site history of the cooling tower is not consistent with the detection of dioxin/furan. A review of the existing dioxin/furan data from 21-027(a) and 21-006(c)-99, in the area of C-21-027 (attached map) show that the dioxin/furan detected at these sites have decreasing concentrations to the south, so that extent is defined. LANL would like to propose the following locations (from Figure 2.6-1 (pg. 25) and Table 2.6-1 (pg. 35), ER2006-0203) for additional dioxin/furan sampling, our rationale is included:

- BH-1, no dioxin/furan sampling, locations 21-601225 and 21-601229 are within approximately 15 feet of this location
- BH-2, no dioxin/furan sampling, location 21-601225 is within approximately 25 feet of this location
- BH-3, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 1, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 2, no dioxin/furan sampling, location 21-605340 in within approximately 10 feet of this location
- BH-4, sample for dioxin/furan in the 5 to 6 ft interval
- Location 3, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 4, sample for dioxin/furan in the 0 to 0.5 ft interval
- Location 5, no dioxin/furan sampling, locations 21-600392 and 21-600867 are within approximately 20 feet of this location

